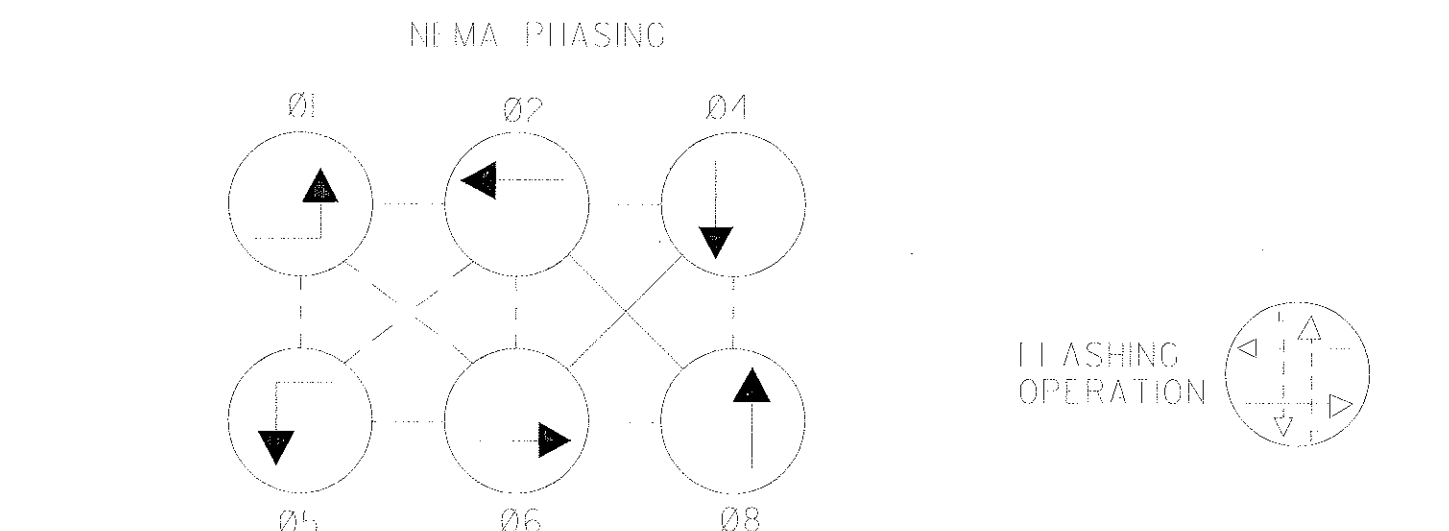
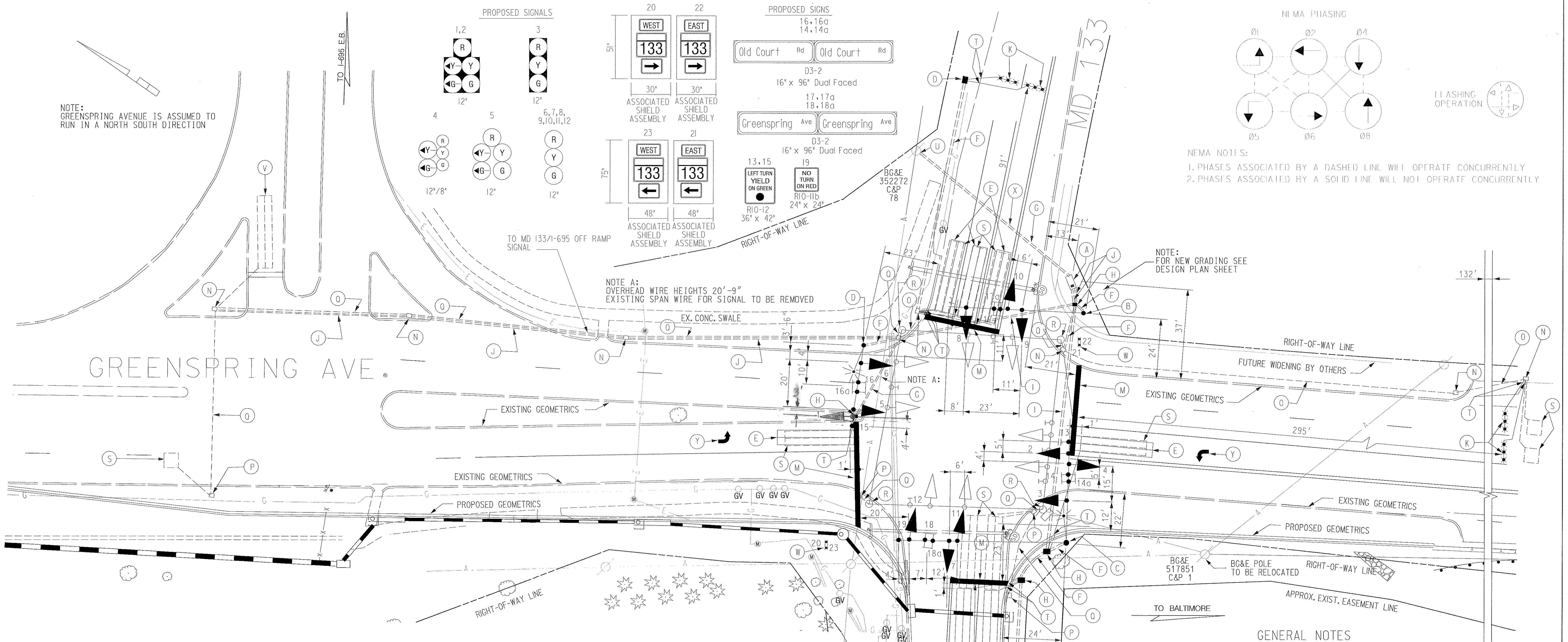


NOTE:  
GREENSPRING AVENUE IS ASSUMED TO  
RUN IN A NORTH SOUTH DIRECTION



NEMA NOTES:  
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

NOTE:  
FOR NEW GRADING SEE  
DESIGN PLAN SHEET

NOTE A:  
OVERHEAD WIRE HEIGHTS 20'-9"  
EXISTING SPAN WIRE FOR SIGNAL TO BE REMOVED

#### CONSTRUCTION DETAILS

- (A) INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-TWO INCH SCHEDULE 80 AND 2-FOUR INCH SCHEDULE 80 PVC 90 DEGREE BENDS).
- (B) INSTALL 27' GALVANIZED STEEL POLE WITH SINGLE 60' MAST ARM. SIGNAL HEADS AND SIGNS NOTE: 1-TWO INCH 90 DEGREE PVC BEND, AND 1-TWO RISER FOR PHONE DROP. CUT AND CAP 60' MAST ARM TO 55'.
- (C) INSTALL 27' GALVANIZED STEEL POLE WITH TWIN MAST ARMS (70' AND 50' MAST ARMS). SIGNAL HEADS, SIGNS, 10 FOOT LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM LUMINAIRE NOTE: 1-TWO INCH 90 DEGREE PVC BEND).
- (D) INSTALL 27' GALVANIZED STEEL POLE WITH SINGLE 38' MAST ARM. SIGNAL HEADS, SIGNS 10 FOOT LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM LUMINAIRE. NOTE: 1 TWO INCH 90 DEGREE PVC BEND. CUT AND CAP 38' MAST ARM TO 35'.
- (E) INSTALL 6'X30' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3 TURNS).
- (F) INSTALL 2" SCHEDULE 80 PVC - TRENCHED.
- (G) INSTALL 2" SCHEDULE 80 PVC - BORED.
- (H) INSTALL THE PROPOSED HANDHOLE.
- (I) INSTALL 4" SCHEDULE 80 PVC - BORED.
- (J) INSTALL 4" SCHEDULE 80 PVC - TRENCHED.
- (K) INSTALL MICROLOOP PROBE SET 500' LEAD IN.

- (L) INSTALL 1 INCH GALVANIZED DETECTOR SLEEVE.
- (M) INSTALL 24 INCH WHITE PAVEMENT MARKING (STOP LINE).
- (N) USE EXISTING HANDHOLE.
- (O) USE EXISTING CONDUIT.
- (P) EXISTING HANDHOLE TO BE REMOVED.
- (Q) CAP AND ABANDON EXISTING CONDUIT.
- (R) EXISTING SIGNAL POLE TO BE REMOVED INCLUDING SPAN WIRES, SIGNAL HEADS AND ALL ASSOCIATED EQUIPMENT.
- (S) DISCONNECT EXISTING LOOP DETECTOR.
- (T) INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT SLEEVE.
- (U) INSTALL 2" SCHEDULE 80 90 DEGREE BEND AT BOTTOM OF UTILITY POLE.
- (V) EXISTING LOOP WIRE TO REMAIN.
- (W) INSTALL GROUND MOUNT SIGN.
- (X) PROPOSED SERVICE.
- (Y) PAVEMENT MARKING ARROWS.

#### GENERAL NOTES

- 1. PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
- 2. THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
- 3. PAVEMENT MARKING DETAILS ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
- 4. SEE PAVEMENT MARKING SHEET FOR ADDITIONAL STRIPING.
- 5. STREET NAME AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY
- 6. ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
- 7. ALL UNDER GROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

UTILITY LEGEND	
—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES



REVISIONS	
1	DESIGN SIGNAL DEL TO GEOMETRIC CHANGES
2	ADD MOUNTING LOOPS / LOOP SET OFF RAMP. REPLACE BORN PAVEMENT MARKINGS
3	AS RUN 1 EP TO NEW LOOPS ON OLD COURT RD
4	REVIS SIGNAL FROM FLASH TO TWO-PHASE
APPROVALS	
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	ASSIST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION GREENSPRING AVE. @ MD 133 (OLD COURT RD)	
DRAWN BY: T. WHITE	F.A.P. NO.
CHECKED BY:	S.H.A. NO.
SCALE: 1"=20'	COUNTY: BALTIMORE
DATE: 07/15/66	LOC. MILE: 03013301.98
TS NO. TS-3580E	T.J.M.S. NO. D176
SHEET NO. 25 OF 34	